Table A - 1

Goal 1: Native Species and Come System Attribute	Strategic Goal Objective Addressed	Performance Indicator	ST	LT	P	S	R	Justification
1. Bay Delta dependent Salmonids (by ESU and species)	I-1	a. measures of abundance and distribution by species	х	х		х		Salmonids range throughout the Central Valleys, upper watersheds, Delta and Bay and have been strongly impacted by human activities throughout the watershed particularly changes in the water management and flood control activities throughout the state. Salmonids also play a key role in stream ecology and healthy populations are essential to ecosystem integrity as well as being a popular harvestable species. Salmonids are expected to respond to many of the actions described in the ERP. As such salmonids are a good program-wide indicator for the effectiveness of CALFED's efforts to restore environmental health and will reflect progress in multiple CALFED objective areas. In addition, improvement in wild salmon populations is critically important for management decision-making at the end of CALFED's "Stage 1" and to reduce conflict with maintaining a reliable water supply.
	• .	b. change in number and distribution of redds	х	х		X		
		c. change in smolt survival indices from select portions of migration routes		х		х		
		d. change in estimated annual cohort replacement rate		х		х		
		e. Composite multi-attribute index for "salmonid health" (develop)		х		х		
				·				
2. Other priority Delta dependent resident native fishes (includes Delta smelt; Splittail,	I-1,3	a. measures of abundance and distribution     (by species) (Note: Delta smelt with 1-2     year life cycle may also serve as short term     indicator)	x?	х	х	х		Native fishes are an integral part of natural aquatic communities; healthy populations are essential to ecosystem integrity (ERPP, Vol 1). Changes in water management and flood control activities have greatly altered the hydrology and available shallow water habitat in the Delta. Native fishes are expected to respond to changes by the ERP in these areas. In addition, improvement in Delta smelt and splittail populations are critically important for management decision-making at the end of CALFED's "Stage 1" and to reduce conflict with maintaining a reliable water supply.
Longfin Smelt, Green Sturgeon)	,	b. change in estimated annual cohort replacement rate		х		х		
		c. Composite "multi-attribute" index for Delta resident fish health (develop)		х		X.		

Goal 1: Native Species and Communities

Goal 1: Native Species and Communities

System Attribute	Strategic Goal Objective Addressed	Performance Indicator	ST	LT	Р	S	R	Justification
		b. # of monitored animal/plant species designated "m" exhibiting sustained increase	х	х		х		the most sensitive species ("indicator species") to the many varied pressures on the ecosystem over the past decades.  Improvements in the populations of some of these listed species
		c. # of species with recovery criteria achieved (Note: separate into short term and long term species groups- those with at last 4 5 life cycles within 7 years could serve as ST indicators, others LT indicators)	X.	х		х		and a decrease in the need to list more species in the future would be a good indicator of an overall improvement in ecosystem health.
		d. abundance/distribution of key plant and animal species (to be determined)	х	ж		×		

Note Letters designate indicator type: PSR = Pressure, State, Response and ST= Short term, LT = Long term indicators